


TECHNICAL BULLETIN

| | | | | |
|---|--|-------------------------|--------------------------------------|-------------------------------------|
|  CITY OF RALEIGH, N.C. | INSPECTIONS DEPARTMENT 2009 NCSBC | | | |
| SUBJECT Exit Passageway Special Requirements | SECTION 1021.1-5 | PAGE 221 | EFFECTIVE DATE 8/19/03 | REVISION DATE 12/3/09 |
| | PREPARED BY SL, GM, WS, MB, JL | REVISED BY KD | APPROVED BY F. Olafson | |

The **City of Raleigh Inspections Department** requires that all **Exit Passageways** be clearly shown on all drawings submitted for commercial plan review. This is a complex issue for all trades that is made even more so when **Exit Passageways** are not readily identifiable on construction drawings. The responsible design professional(s) will indicate the location(s) of **Exit Passageways** on all construction drawings submitted for commercial review.

Requirements for **Exit Passageways** are as follows:

1. Distinguish **Exit Passageways** by shading or hatching on all architectural, Plumbing, Mechanical, Electrical and Fire Protection floor plans.
2. Walls of **Exit Passageways** should be identified by legend as a one-hour or two-hour rated **Fire Barrier**. Applicable UL/FM designs for the rated wall assemblies should be reproduced on plans according to **City of Raleigh Development Services Guide**.
3. The fire resistance rating for floors, walls, and ceilings shall be indicated with the required hourly rating
4. **Exit Passageways** are Fire Barriers and are to be constructed per Section 706.
5. **Exit Passageways** are to be used only as a means of egress.
6. Mechanical, electrical, and building service rooms may open into Exit Passageways if the door is rated the same as the required corridor fire-resistance rating per Section 402.4.6 Covered Mall only.
7. Permitted within the **Exit Passageway**: Exit doors, equipment to independently pressurize the enclosure, sprinkler piping, standpipes, electrical conduit serving the enclosure per Section 1021.5.
8. There shall be no penetrations or communicating openings between adjacent exit enclosures. The common wall between exit enclosures may not be penetrated.

Field identification of **Exit Passageways** is strongly recommended for future field verification. Suggested wording is "**ONE HOUR EXIT PASSAGEWAY – DO NOT PENETRATE**" or "**TWO HOUR EXIT PASSAGEWAY –DO NOT PENETRATE,**" whichever the case may be.